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EDUCATION

2007-2011 Ph.D. in Environmental Health Engineering, Tehran University of Medical Sciences, Iran
2004-2007 M.Sc. in Environmental Health Engineering, Isfahan University of Medical Sciences, Iran
2000-2004 B.Sc. in Environmental Health Engineering, Isfahan University of Medical Sciences, Iran

Professional affiliation/Academic Membership

2014- present, Assistant Professor of Environmental Health Engineering, Shahid Beheshti University of Medical Sciences, Iran.
2013- 2014, Assistant Professor of Environmental Health Engineering, Tehran University of Medical Sciences
2012- 2014, Assistant Professor of Environmental Health Engineering, Shiraz University of Medical Sciences

Executive Position

2016- present, Head of Air Health & Climate Change Group, Ministry of health & Medical Education, Iran
2021- present, Deputy Dean for Research, Air Quality & Climate Change, Shahid Beheshti University of Medical Sciences, Iran.

Courses taught:

- Air Pollution control
- Climate Change
- Environmental health management in emergencies
- Research methods in health sciences
- Disinfectants and Surfactants in environmental health
- Medical information systems
- Housing Health
- Hospital Environmental Health
- Noise Pollution
- Air quality monitoring

Publications More Related to Air pollution:

- M Kermani, AJ Jafari, M Gholami, F Taghizadeh, H Arfaeinia, **A Shahsavani**, Y Abdossalami., Concentration, sources and bioaccessibility-based risk assessment of heavy metals in air-borne PM_{2.5} in different landuses of Tehran, *International Journal of Environmental Science and Technology*. 2022; 1-14.
- Fahimeh Khademi, Mohammad Reza Samaei, **Abbas Shahsavani**, Kourosh Azizi, Amin Mohammadpour, Zahra Derakhshan, Stefanos Giannakis, Jorge Rodriguez-Chueca, Muhammad Bilal., Investigation of the Presence Volatile Organic Compounds (BTEX) in the Ambient Air and Biogases Produced by a Shiraz Landfill in Southern Iran. *Sustainability*. 2022; 14(2): 1040
- Mostafa Hadei, Philip K Hopke, **Abbas Shahsavani**, Alireza Raeisi, Ahmad Jonidi Jafari, Maryam Yarahmadi, Mohsen Farhadi, Masoumeh Rahmatinia, Shahriar Bazazpour, Anooshiravan Mohseni Bandpey, Alireza Zali, Majid Kermani, Mohmmad Hossien Vaziri, Mehrab Aghazadeh. Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. *Journal of Environmental Health Science and Engineering*. 2021; 19(2): 1807-1816.
- Tahereh Rahmatinia, Majid Kermani, Mahdi Farzadkia, Mohammad Hossein Nicknam, Narjes Soleimanifar, Bahareh Mohebbi, Ahmad Jonidi Jafari, **Abbas Shahsavani**, Farzad Fanaei. Potential cytotoxicity of PM_{2.5}-bound PAHs and toxic metals collected from areas with different traffic densities on human lung epithelial cells (A549). *Journal of Environmental Health Science and Engineering*. 2021; 19(2): 1701-1712.
- Majid Kermani, Tahereh Rahmatinia, Vahide Oskoei, Samira Norzaee, **Abbas Shahsavani**, Mahdi Farzadkia, Mohammad Hossein Kazemi. Potential cytotoxicity of trace elements and polycyclic aromatic hydrocarbons bounded to particulate matter: a review on in vitro studies on human lung epithelial cells. *Environmental Science and Pollution Research*. 2021; 28(40): 55888-55904.
- Sajjad Rahimi Pordanjani, Amir Kavousi, Babak Mirbagheri, **Abbas Shahsavani**, Koorosh Etemad. Spatial analysis and geoclimatic factors associated with the incidence of acute lymphoblastic leukemia in Iran during 2006–2014: An environmental epidemiological study. *Environmental Research*. 2021; 202: 111662.
- Saeed Motesaddi Zarandi, Mostafa Hadei, Seyed Saeed Hashemi, Elahe Shahhosseini, Philip K Hopke, Zahra Namvar, **Abbas Shahsavani**. Effects of ambient air pollutants on hospital admissions and deaths for cardiovascular diseases: a time series analysis in Tehran. *Environmental Science and Pollution Research*. 2021:1-13.
- Abbas Norouzian Baghani, Zohreh Bahmani, Armin Sorooshian, Mahdi Farzadkia, Ramin Nabizadeh, Mahdieh Delikhoon, Abdullah Barkhordari, Roshanak Rezaei Kalantary, Somayeh Golbaz, Majid Kermani, Qadir Ashournejad, **Abbas Shahsavani**. Characterization of polycyclic aromatic hydrocarbons associated with PM₁₀ emitted from the largest composting facility in the Middle East. *Toxin reviews*. 2021; 40(4): 1481-1495.
- Majid Kermani, Ahmad Jonidi Jafari, Mitra Gholami, Farhad Taghizadeh, Hossein Arfaeinia, Yousef Abdolsalami, **Abbas Shahsavani**. Concentrations, spatial distribution, and human health risk assessment of asbestos fibers in ambient air of Tehran, Iran. *Arabian Journal of Geosciences*. 2021; 14(18): 1-11.
- Afshin Ghaderpoury, Mostafa Hadei, Philip K Hopke, Noushin Rastkari, Majid Kermani, **Abbas Shahsavani**. Assessment of BTEX exposure and carcinogenic risks for mail carriers in Tehran, Iran. *Air Quality, Atmosphere & Health*. 2021; 14(9): 1365-1373.
- Shahriyar Bazzazpour, Masoumeh Rahmatinia, Seyed Reza Mohebbi, Mostafa Hadei, **Abbas Shahsavani**, Philip K Hopke, Behzad Houshmand, Alireza Raeisi, Ahmad Jonidi Jafari, Maryam Yarahmadi, Mohsen Farhadi, Vajihe Hasanazadeh, Majid Kermani, Mohmmad Hossien Vaziri, Mohammad Tanhaei, Mohammad Reza Zali, Mohammad Reza Alipour. The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. *Environmental Science and Pollution Research*. 2021:1-9.
- Majid Kermani, Ahmad Jonidi Jafari, Mitra Gholami, Mahdi Farzadkia, **Abbas Shahsavani**, Samira Norzaee. Polycyclic aromatic hydrocarbons in PM_{2.5} atmospheric particles in Shiraz, a city in southwest Iran: sources and risk assessment. *Arabian Journal of Geosciences*. . 2021; 14(15): 1-10.

Link to list of Publications:

- Resarchgare link (109 Items): <https://www.researchgate.net/profile/Abbas-Shahsavani-2>
- Scopus link (83 papers): <https://www.scopus.com/authid/detail.uri?authorId=35085482400>
- ORCID link (56 papers <https://orcid.org/0000-0003-3805-6256>
- Googlescholar link (125 books and papers in English and Persian): <https://scholar.google.com/citations?user=S9XiNzAAAAAJ&hl=en&oi=ao>